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ATTORNEY'S DOCKET NO. M00656.70055.17

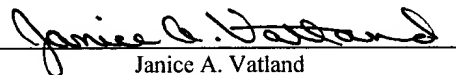
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Venkataraman et al.
Serial No: 09/557,997
Confirmation No: 7686
Filed: April 24, 2000
For: SYSTEM AND METHOD FOR NOTATING POLYMERS
Examiner: Smith, Carolyn L.
Art Unit: 1631

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on the 4th day of February, 2003.


Janice A. Vatland

Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith is/are the following document(s):

- ☒ Statement Filed Pursuant to the Duty of Disclosure Under 37 CFR §§1.56, 1.97 and 1.98;
- ☒ Form PTO-1449, with copies of cited references "C46" – "C49";
- ☒ Certificate of Mailing; and
- ☒ Return Receipt Postcard.

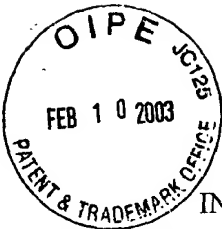
If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts. No check is enclosed. If any amount is believed to be due with this filing, the amount may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully Submitted,



Janice A. Vatland, Reg. No. 52,318
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, MA 02210-2211
(617) 720-3500

Docket No. M00656.70055.US
Date: February 4, 2003
XNDD



DOCKET NO: M00656.70055.US

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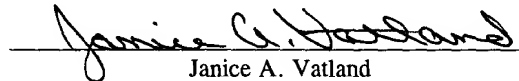
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Plunkett
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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on the 4th day of February, 2003.


Janice A. Vatland

Commissioner for Patents
Washington, D.C. 20231

**STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 CFR §§ 1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, the Applicants request consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. § 1.97

This Information Disclosure Statement has been filed before the mailing date of a first Office Action on the merits in the above-identified case.

No fee or certification is required.

PART II: Information Cited

The Applicants hereby make of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

PART III: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. § 102.

Notwithstanding any statements by the Applicants, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

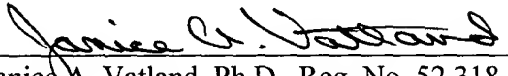
An early and favorable action is hereby requested.

Serial No.: 09/557,997

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Art Unit: 1631

Respectfully submitted,
Venkataraman et al., *Applicants*

By: 
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Docket No. M00656.70055.US
Date: February 4, 2003
XNDDX

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| FORM PTO-1449/A and B (Modified) | | APPLICATION NO.: 09/557,997 | ATTY. DOCKET NO.: M00656.70055.US |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | FILING DATE: April 24, 2000 | CONFIRMATION NO.: 7686 |
| | | APPLICANT: Venkataraman et al. | |
| | | GROUP ART UNIT: 1631 | EXAMINER: Smith, Carolyn L. |
| Sheet | FEB 1 0 2003 | of | 1 |

U.S. PATENT DOCUMENTS

| Examiner's Initials | U.S. Patent Document No. | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication or of issue of Cited Document MM-DD-YYYY |
|------------------------|-----------------------------|----------------------|--------------|--|--|
| | | Number | Kind Code | | |
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FOREIGN PATENT DOCUMENTS

| Examiner's Initials | Cite No. | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document (not necessary) | Date of Publication of Cited Document MM-DD-YYYY | Translation (Y/N) |
|------------------------|-------------|-------------------------|--------|--------------|---|---|----------------------|
| | | Office/ Country | Number | Kind Code | | | |
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OTHER ART — NON PATENT LITERATURE DOCUMENTS

| Examiner's Initials | Cite No | Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published. | Translation (Y/N) | |
|------------------------|------------|---|----------------------|--|
| | C46 | BIEMANN K, Four decades of structure determination by mass spectrometry: from alkaloids to heparin. <i>J Am Soc Mass Spectrom</i> 2002; 13(11):1254-1272. | | |
| | C47 | RHOMBERG A et al., Mass spectrometric sequencing of heparin and heparan sulfate using partial digestion with heparinases. Proc. 45 th ASMS Annual Conference on Mass Spectrometry Allied Topics, June 1-5, 1997, Palm Springs, CA, page 1026-1027. | | |
| | C48 | RHOMBERG AJ, Mass spectrometric and capillary electrophoretic investigation of heparin, heparinases and related compounds. Ph.D. thesis, MIT (Department of Chemistry), May 22, 1998. | | |
| | C49 | VENKATARAMAN G et al., Sequencing complex polysaccharides. <i>Science</i> 15 Oct 1999; 286:537-542. | | |
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| EXAMINER | DATE CONSIDERED |
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. ____, filed ____, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]